C_b (background concentration of pollutant): The ambient concentration in the mass balance equation is based on a reasonable worst-case estimate of the background pollutant concentration. Where sufficient data exists, the 95th percentile of the ambient data is generally used as an estimate of worst-case.

Two ambient water quality data sets were available. The Space and Naval Warfare System Center, San Diego (SSC San Diego) collected data in September 1997, March 1998, and July 1998. PSNS conducted ambient water quality sampling under the ENVVEST effort in 2002 through 2005. All metal samples were analyzed using EPA Method 1640 by Battelle Marine Laboratory in Sequim, Washington. <<double check where ENVVEST samples analyzed.>>>

A summary of the effluent and background water quality used for the reasonable potential calculations are provided in Table C - 5 and Table C - 6. The ambient monitoring locations are provided in Figure 5.

The End

Based on monitoring conducted under Section _____ and the Shipyards knowledge of activities, the Shipyard must identify areas, that contribute to runoff that exceeds the benchmark values.

The Shipyard must implement and must install appropriate BMPs, where necessary to meet the applicable effluent limits for all stormwater outfalls.

If the average of the dry dock drainage exceeds the benchmark levels then:
Implement collection and treatment of all dry dock drainage within 2 years of the effective date of the permit.

The PSNS must implement and install appropriate BMPs, where necessary, to ensure all stormwater outfalls are designed and sized appropriately. The PSNS must use the benchmark criteria as the design basis for the BMPs.

Implement the additional required BMPs:
Inspect and clean out all

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